

**ABSTRACT OF THE DISCLOSURE****SECURED RADIO COMMUNICATIONS SYSTEM, METHOD, AND COMPUTER  
PROGRAM PRODUCT**

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A data processing system, method, and product are disclosed for securing radio transmissions utilizing a conventional radio. A conventional radio and a computer system are provided. The computer system is separate and apart from the conventional radio. The conventional radio is capable of receiving an input analog signal from a microphone and then transmitting the input analog signal. The conventional radio is incapable of encrypting the input analog signal. The computer system is coupled between the microphone and the radio such that inputs into the microphone are received first by the computer system. The computer system receives an input from the microphone, encrypts the input utilizing public key encryption, and passes the encrypted input to the radio. The radio then transmits the encrypted input. Thus, radio transmissions from the conventional radio are secured.